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Docket # IMA-0009

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): **ROBERT P. MADDING PH. D. AND BRUCE A. POIRIER**

Title: **METHOD AND APPARATUS FOR BARCODE SELECTION OF  
THERMOGRAPHIC SURVEY IMAGES**

Enclosed are:

- ☒ 38 Pages of Specification, Claims and Abstract
- ☒ 9 Page of Informal Drawings
- ☒ Executed Declaration and Power of Attorney.
- ☒ Executed Assignment to Inframetric Inc. and Assignment cover sheet (Form PTO-1595) (2copies).
- ☐ Information Disclosure Statement, Form PTO-1449, and Prior Art.
- ☒ Return Postcard
- ☒ Verified Statement Claiming small entity status--Independent Inventor (Form PTO/SB/09)
- ☒ Verified Statement Claiming small entity status--Small Business Concern (Form PTO/SB/10)
- ☐ Other \_\_\_\_\_

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	RATE	FEE
Basic Fee				\$380.00
Total Claims	37 - 20	= 17	x \$9.00 =	\$153.00
Indep. Claims	6 - 3	= 3	x \$39.00 =	\$117.00
Mult. Dep. Claims			+ \$130.00=	\$ 0.00

**TOTAL FILING FEE = \$650.00**

- ☒ A bank check or money order in the amount of \$ 650.00 enclosed herewith.
- ☒ A bank check or money order in the amount of \$40.00 enclosed herewith.

A Duplicate copy of this sheet is enclosed.

2-10-99  
Date

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Certificate of Mailing

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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" under 37 CFR 1.10 on the date indicated below and is addressed to the Assistant Commissioner of Patents, Washington, D.C. 20231.

2-11-99

Edward L. Kelley

STATEMENT CLAIMING SMALL ENTITY STATUS  
(37 CFR 1.9(f) & 1.27(b))--INDEPENDENT INVENTOR

Docket Number **IMA-0009**

Applicant, Patentee, or Identifier: MADDING ET AL.

Application or Patent No.: \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

Title: METHOD AND APPARATUS FOR BARCODE SELECTION OF THERMOGRAPHIC SURVEY IMAGES

As a below named inventor, I hereby state that I qualify as an independent inventor as defined in 37 CFR 1.9(c) for purposes of paying reduced fees to the Patent and Trademark Office described in:

☒ the specification filed herewith with title as listed above.

☐ the application identified above.

☐ the patent identified above.

I have not assigned, granted, conveyed, or licensed, and am under no obligation under contract or law to assign, grant, convey, or license, any rights in the invention to any person who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person had made the invention, or to any concern which would not qualify as a small business concern under 37 CFR 1.9(d) or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

☐ No such person, concern, or organization exists.

☒ Each such person, concern, or organization is listed below.

INFRAMETRICS INC.  
16 Esquire Road  
North Billerica, MA 01862-2598

Separate statements are required from each named person, concern, or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

ROBERT P. MADDING  
NAME OF INVENTOR

Robert P. Madding  
Signature of inventor

2/9/99  
Date

BRUCE A. POIRIER  
NAME OF INVENTOR

Bruce A. Poirier  
Signature of inventor

2/9/99  
Date

NAME OF INVENTOR

Signature of inventor

Date

STATEMENT CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(f) & 1.27(c))--SMALL BUSINESS CONCERN

Docket Number **IMA-00049**

Applicant, Patentee, or Identifier: Madding et al.

Application or Patent No.: \_\_\_\_\_

Filed or Issued: \_\_\_\_\_

Title: METHOD AND APPARATUS FOR BARCODE SELECTION OF THERMOGRAPHIC SURVEY IMAGES

I hereby state that I am

\_\_\_\_\_ the owner of the small business concern identified below:

☒ an official of the small business concern empowered to act on behalf of the concern identified below:

NAME OF SMALL BUSINESS CONCERN INFRAMETRICS INC.

ADDRESS OF SMALL BUSINESS CONCERN 16 Esquire Road North Billerica, MA 01862-2598

I hereby state that the above identified small business concern qualifies as a small business concern as defined in 13 CFR Part 121 for purposes of paying reduced fees to the United States Patent and Trademark Office, in that **the number of employees of the concern, including those of its affiliates, does not exceed 500 persons.** For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention described in:

☒ the specification filed herewith with title as listed above.

\_\_\_\_\_ the application identified above.

\_\_\_\_\_ the patent identified above.

If the rights held by the above identified small business concern are not exclusive, each individual, concern, or organization having rights in the invention must file separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e).

Each person, concern, or organization having any rights in the invention is listed below:

\_\_\_\_\_ no such person, concern, or organization exists.

☒ each such person, concern, or organization is listed below:

**ROBERT P. MADDING**

**BRUCE A. POIRIER**

Separate statements are required from each named person, concern or organization having rights to the invention stating their status as small entities. (37 CFR 1.27)

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

NAME OF PERSON SIGNING Detlev Suderow

TITLE OF PERSON IF OTHER THAN OWNER VP Human Resources

ADDRESS OF PERSON SIGNING 16 Esquire Road North Billerica, MA 01862-2598

SIGNATURE  DATE 2/9/98